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## **LEAD-FREE M20 SERIES**

The global RoHS (Restriction of Hazardous Substances) initiatives come into effect by July 2006, with the biggest impact to the connector industry being the elimination of lead from plating and soldering processes. Harwin has established a conversion strategy, which will see all products becoming lead-free within the initiative timeframe. Phase 1 of this programme will focus on the 2.54mm pitch M20 series, with the remaining Harwin products to be addressed over the coming months.

The product incorporates tin-plated contacts and high temperature housings, meeting the increased demands of non-leaded solder processing and providing comparable performance to the established tin/lead ranges. Initial introductions will focus upon the following series codes:

New Part Number	Existing Part Number	Description
M20-782XXXX	M20-982XXXX	Vertical Single-in-line Socket Assembly
M20-783XXXX	M20-983XXXX	Vertical Dual-in-line Socket Assembly
M20-788XXXX	M20-988XXXX	Horizontal Dual-in-line Socket Assembly
M20-789XXXX	M20-989XXXX	Horizontal Single-in-line Socket Assembly

The new M20-700 series product will be shortly available for order. However, to ensure customer service levels are maintained throughout this transitional period, orders for the existing M20-900 series will be accepted until August 13<sup>th</sup> 2004.

To support our key customers, Harwin have successfully minimised the costs incurred from the material upgrades, and marginal increases will be added to current sell pricing.

A product data-pack has been provided with this letter to ensure that you are fully informed of the change. If you should need any further information, please do not hesitate to contact me directly.

Best Regards,

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Wendy Jane Bourne Product Engineer Direct Tel: +44 (0)23 9231 4530

Included: Harwin Lead-free Statement Customer Information Drawings Comparison Data



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## LEAD-FREE M20 SERIES (2.54mm PITCH)



#### VERTICAL PC TAIL SOCKETS





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# LEAD-FREE M20 SERIES (2.54mm PITCH)



### HORIZONTAL PC TAIL SOCKETS

Differences:

• Moulding width decreased - non functional,

• Contact pitch – suits original PCB layout.



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- Moulding width decreased non functional,
- Contact pitch suits original PCB layout.







